



FEMA



Prepared by
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FEMA Region 6 Weather Threat Briefing

Monday, June 3, 2019

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information.

To find your local NWS forecast office, go to www.weather.gov/srh.

Summary of the Upcoming Week



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- **Today and Tuesday**
 - Severe thunderstorms possible each day across E NM & W TX. Large hail and damaging winds the primary hazards, isolated tornadoes possible over the Panhandles today.
 - Isolated heavy rainfall/flash flooding possible each day across E NM & W TX.
- **Wednesday – Friday**
 - Heavy rainfall/flash flooding threat shifts into E/SE TX on Wednesday and over AR & LA on Thursday.
- **Major River Flooding or Known Evacuations**
 - The Arkansas River is cresting in major flood at Little Rock today.
 - The Mississippi River is slowly rising and will crest next week.
- **Tropical Weather Outlook**
 - An area of low pressure near Bay of Campeche has a 60% chance of development; moisture from this system will be moving into eastern portions of the Region by mid week, increasing storm chances.

FEMA Region 6 Threat Matrix

June 3, 2019 – Jun 7, 2019



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DAY / THREAT	MON	TUE	WED	THU	FRI
Severe Storms	E NM, WTX, Panhandles	SE NM, WTX			
	OK				
Heavy Rain / Flash Flooding	E NM, WTX	E NM, W & STX	E/SETX	AR, LA	
Fire Weather					
Tropical Weather					
River Flooding	OK, AR	OK, AR	OK, AR	OK, AR	OK, AR
	LA	LA	LA	LA	LA
	TX	TX	TX	TX	TX

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

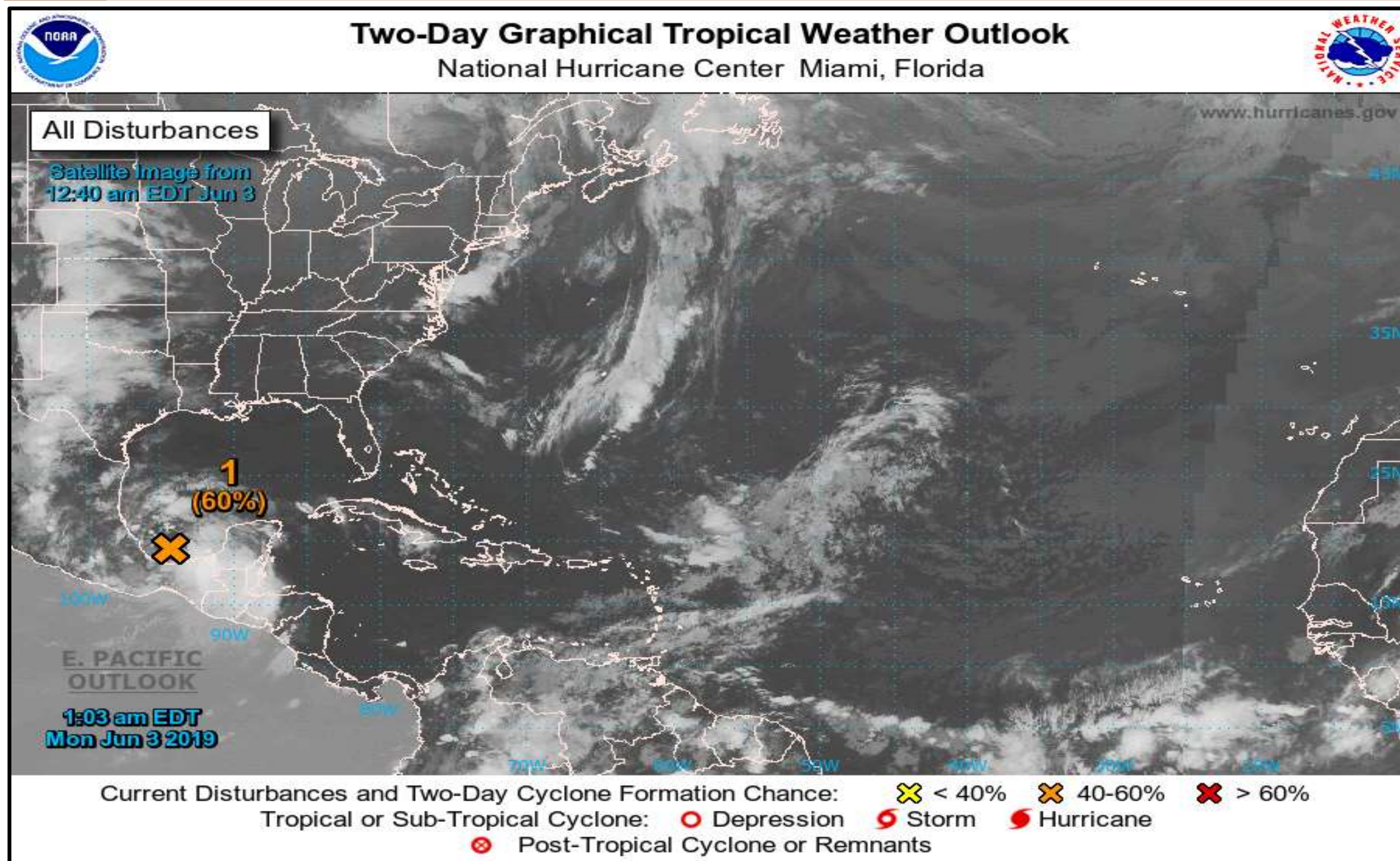
Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.

Tropical Weather Outlook – Atlantic/Gulf

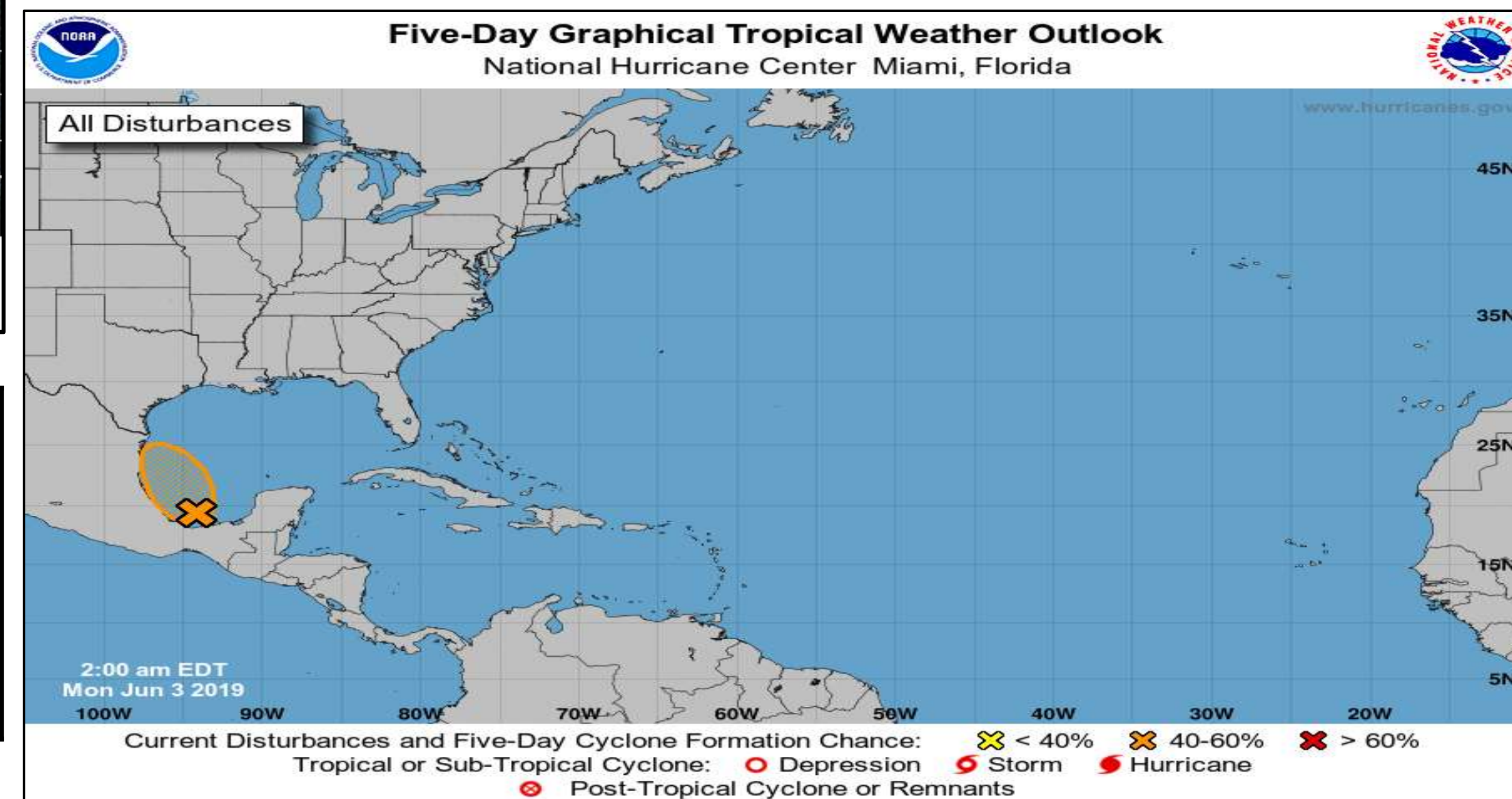


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A broad area of low pressure over the Bay of Campeche does not have a well-defined circulation. It will move slowly northwestward and may become a tropical cyclone before it moves inland near the NE Coast of Mexico in a day or two.

**Formation chance through 48 hours...medium...60 percent.
Formation chance through 5 days...medium...60 percent.**



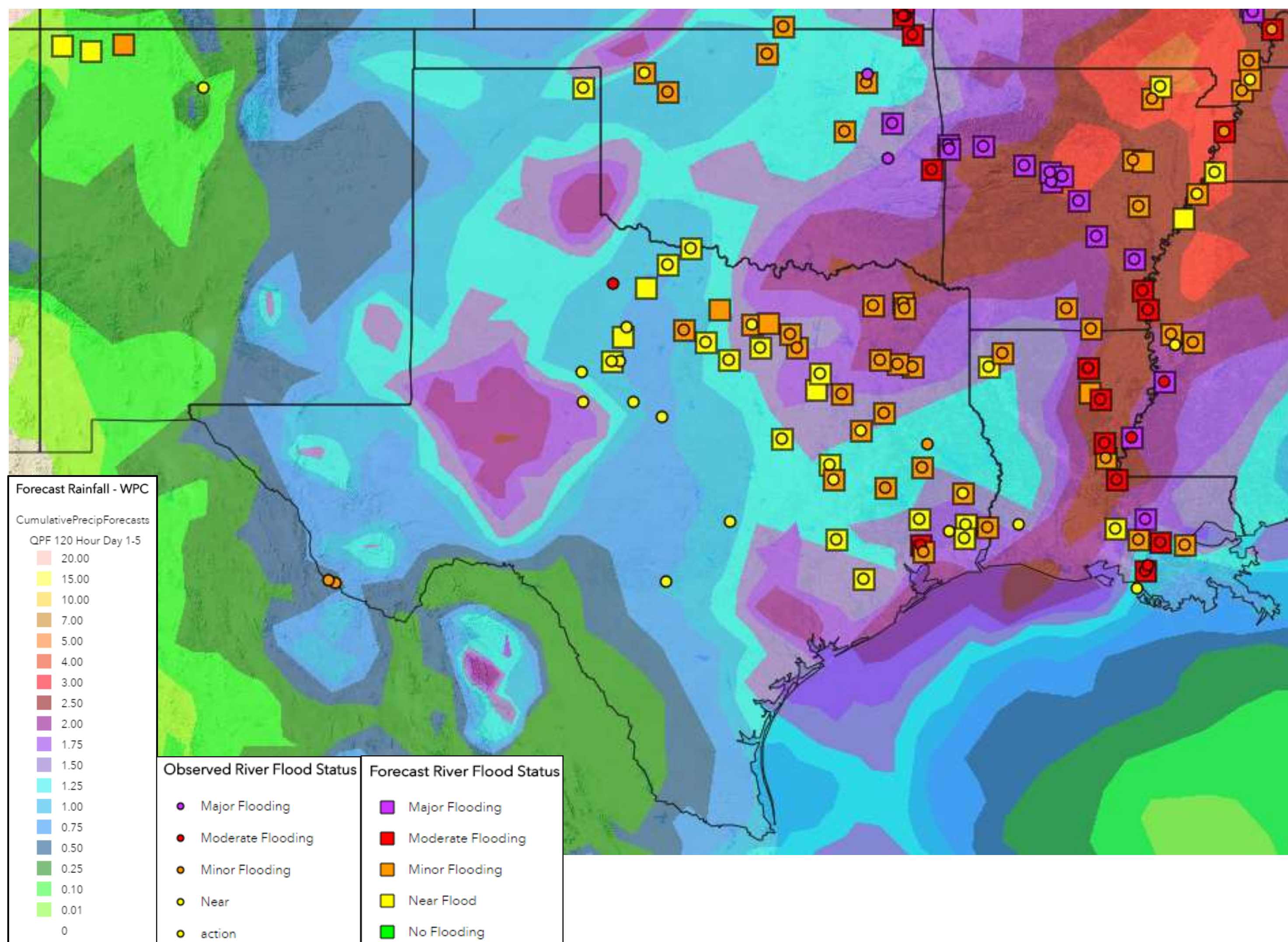
This system may bring increased moisture/heavy rainfall to the western Gulf Coast this week but other tropical impacts (wind, surge, etc) are not expected.

5-Day Precipitation Forecast & River Flood Status



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Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



- Rare, record flooding of the Arkansas River continues.
- The river is cresting at Little Rock later today, see next slide for details on other points along the River in AR.
- Major flooding is expected to continue in E OK and AR for the next several weeks, even without any additional rainfall. Rain later this week will prolong the ongoing flooding.

The Mississippi River will continue a slow rise into next week.

- Near Arkansas City, a crest in moderate flood is expected early next week with mostly roads impacted.
- The USACE has delayed the potential opening of the Morganza Floodway until Thursday.
- The Atchafalaya River will rise 1-3 feet over the next several weeks. Morgan City, LA is forecast to crest in the third week of June and the current forecast is the 3rd highest crest on record and the highest since May 2011.

Arkansas River Flooding

Weather Forecast Office
Little Rock, AR
Issued June 3, 2019 4:50 AM CDT



Location	Latest Stage	Flood Stage	Projected Crest	Crest Date/Time	Flood Category (Forecast)
Van Buren	37.8 ft @ 04 AM R	22.0 ft	FALLING!	Crested	Major
Ozark	374.1 ft @ 04 AM	357.0 ft	FALLING!	Crested	Major
Dardanelle	*45.2 ft @ 03 AM R	32.0 ft	STEADY	Cresting	Major
Morrilton	42.7 ft @ 04 AM R	30.0 ft	STEADY	Cresting	Major
Toad Suck	285.2 ft @ 02 AM R	275.0 ft	285 ft R	Today	Major
Little Rock	28.8 ft @ 03 AM	23.0 ft	29.0 ft	Tonight	Major
Pine Bluff	49.8 ft @ 04 AM	42.0 ft	51.0 ft	June 5th	Major
Pendleton	35.5 ft @ 04 AM R	31.0 ft	37.0 ft R	June 7th	Major

R = Record Crest / * Levee Breach

**Water levels along the Arkansas River will remain high or continue to rise this week.
Be prepared and keep up with the latest river stages and forecasts!**

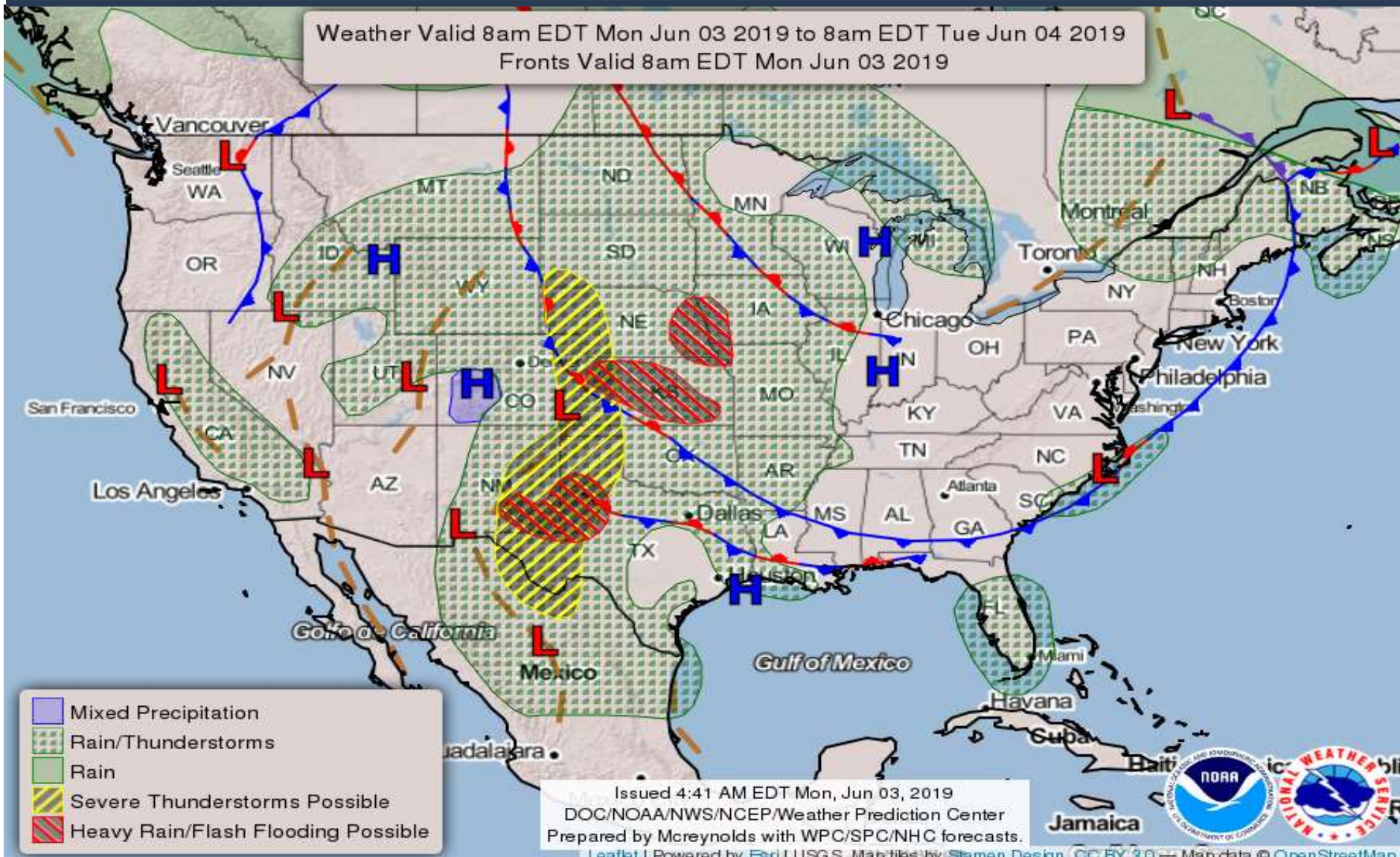
<https://water.weather.gov/ahps2/index.php?wfo=lzk>

Today's Weather

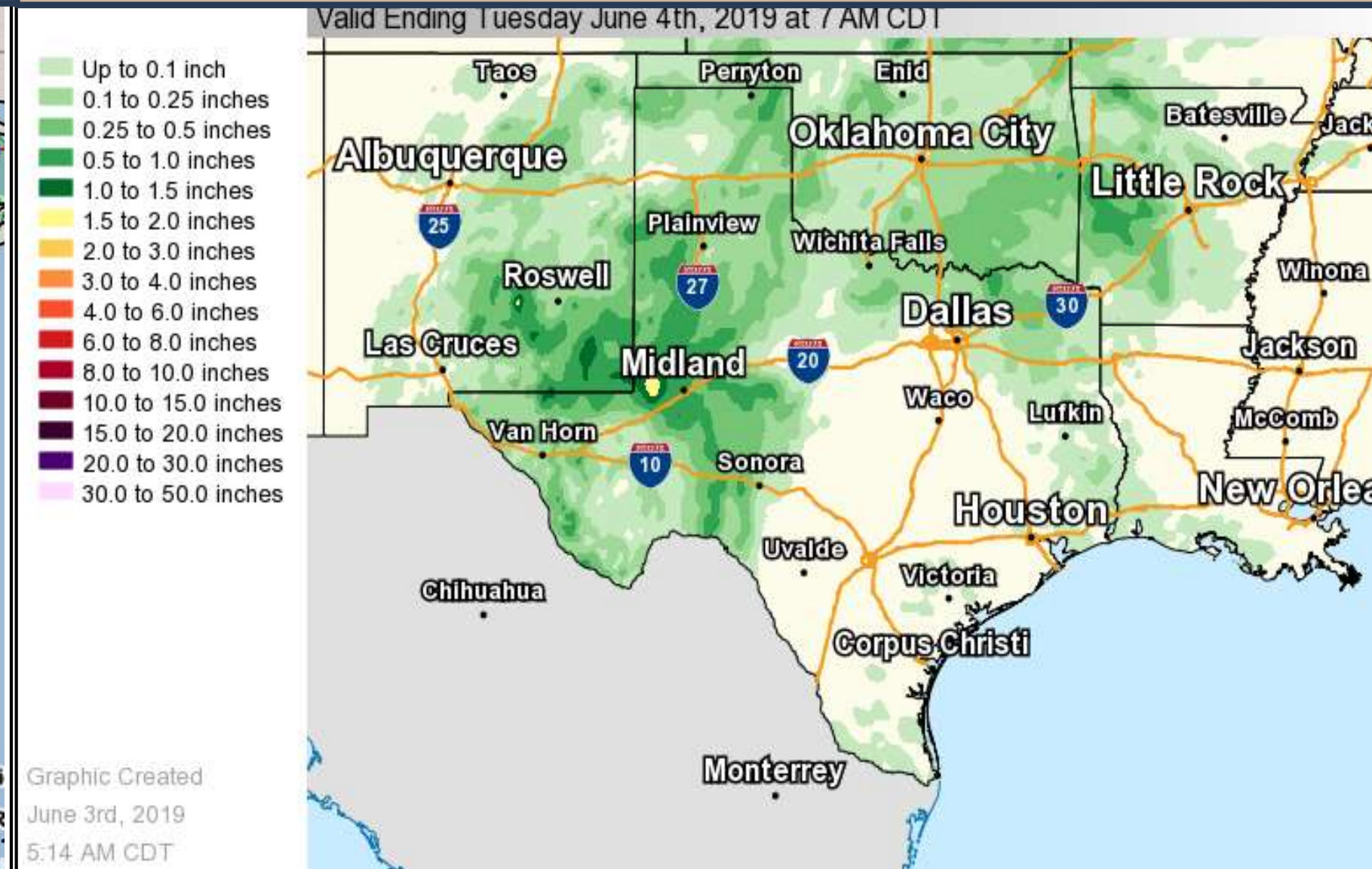


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Forecast Chart



Forecast Rainfall

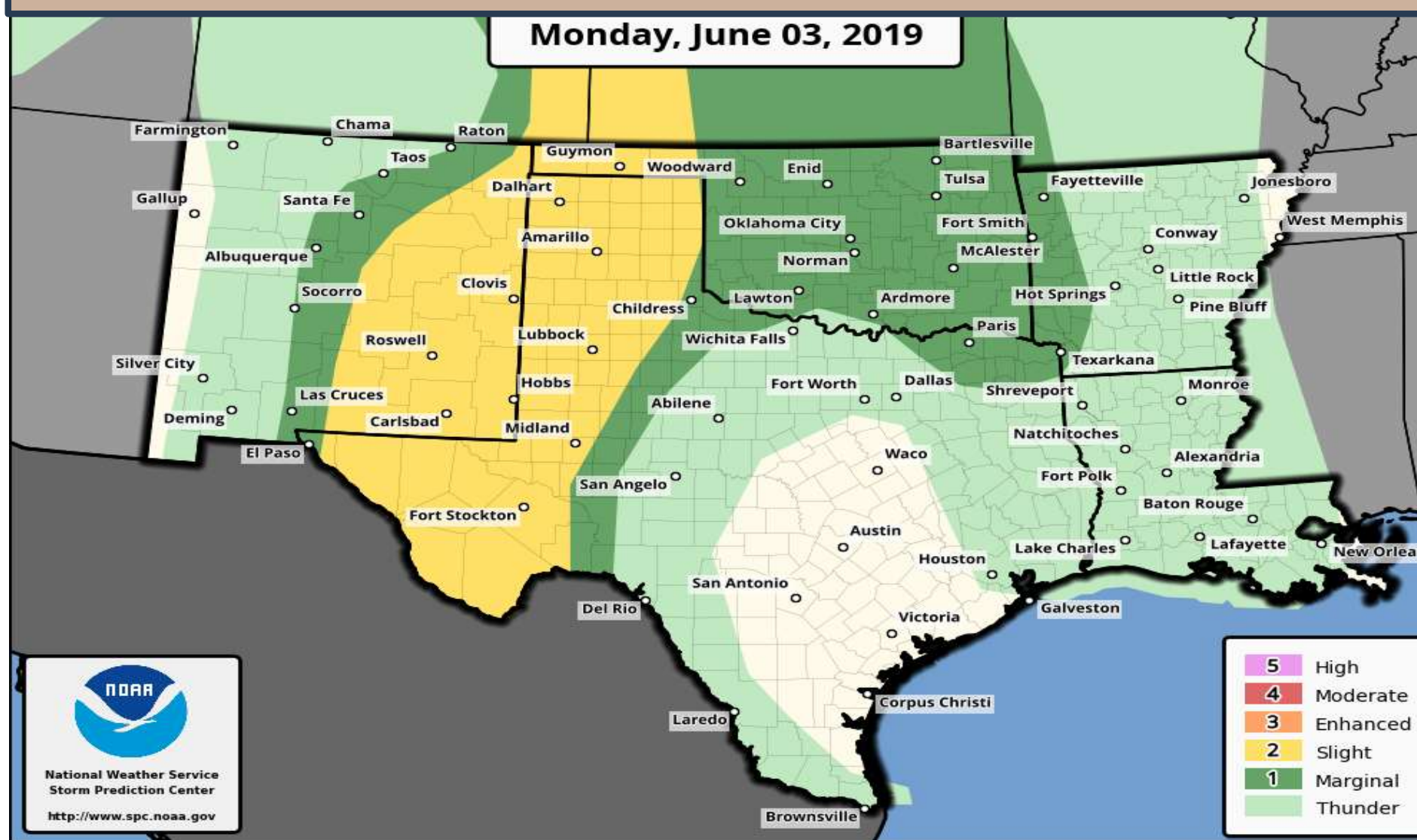


Slight risk of severe storms over E NM into W TX & TX/OK Panhandles. Large hail is the main threat, some damaging winds and an isolated tornado possible (mostly in the Panhandles).

A few strong storms are possible across much of OK as well, with gusty winds and hail the main threats.

Some heavy rainfall possible across E NM and W TX, but widespread flooding is not expected.

Severe Weather Outlook



Excessive Rainfall Outlook

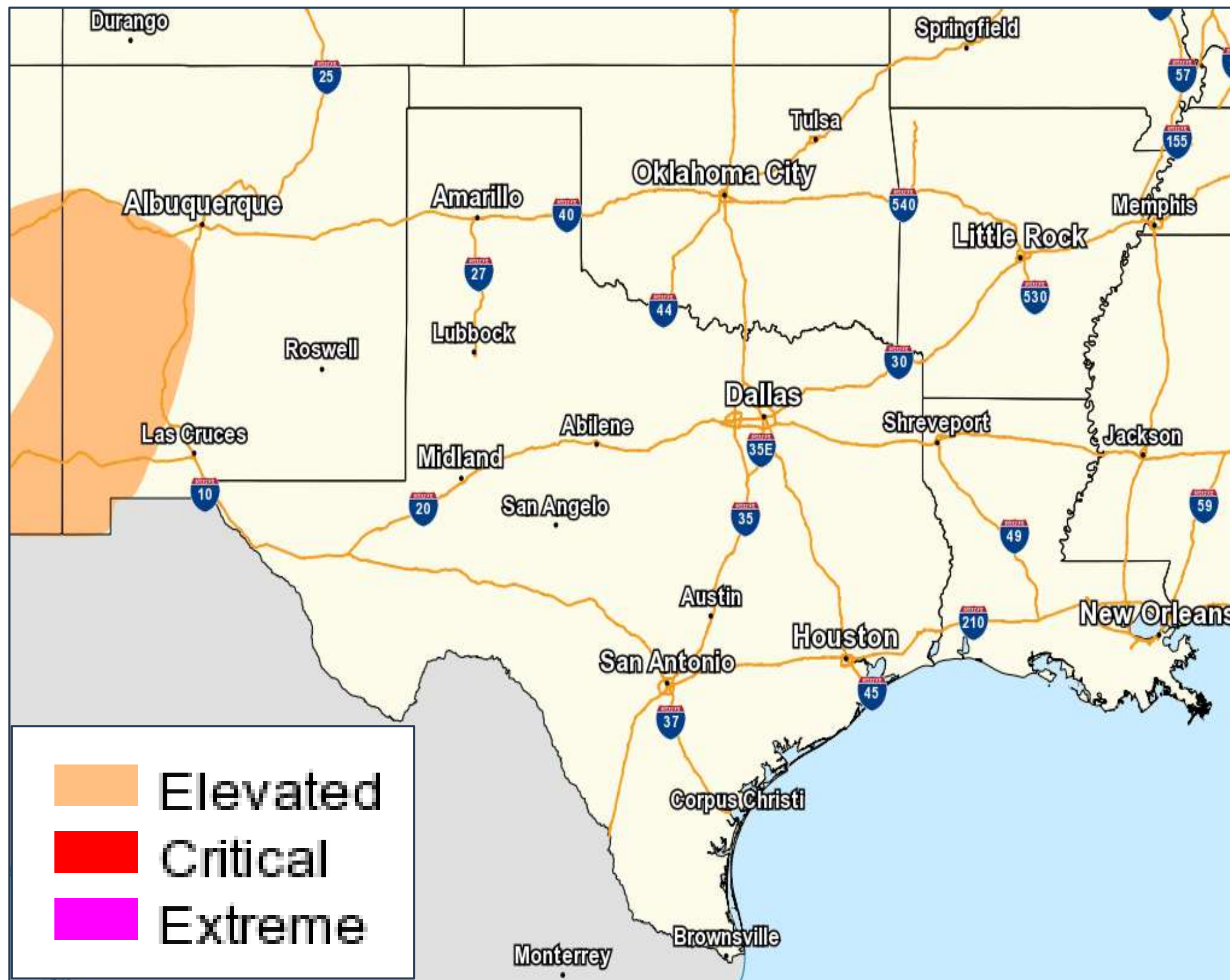


Fire Weather Outlooks

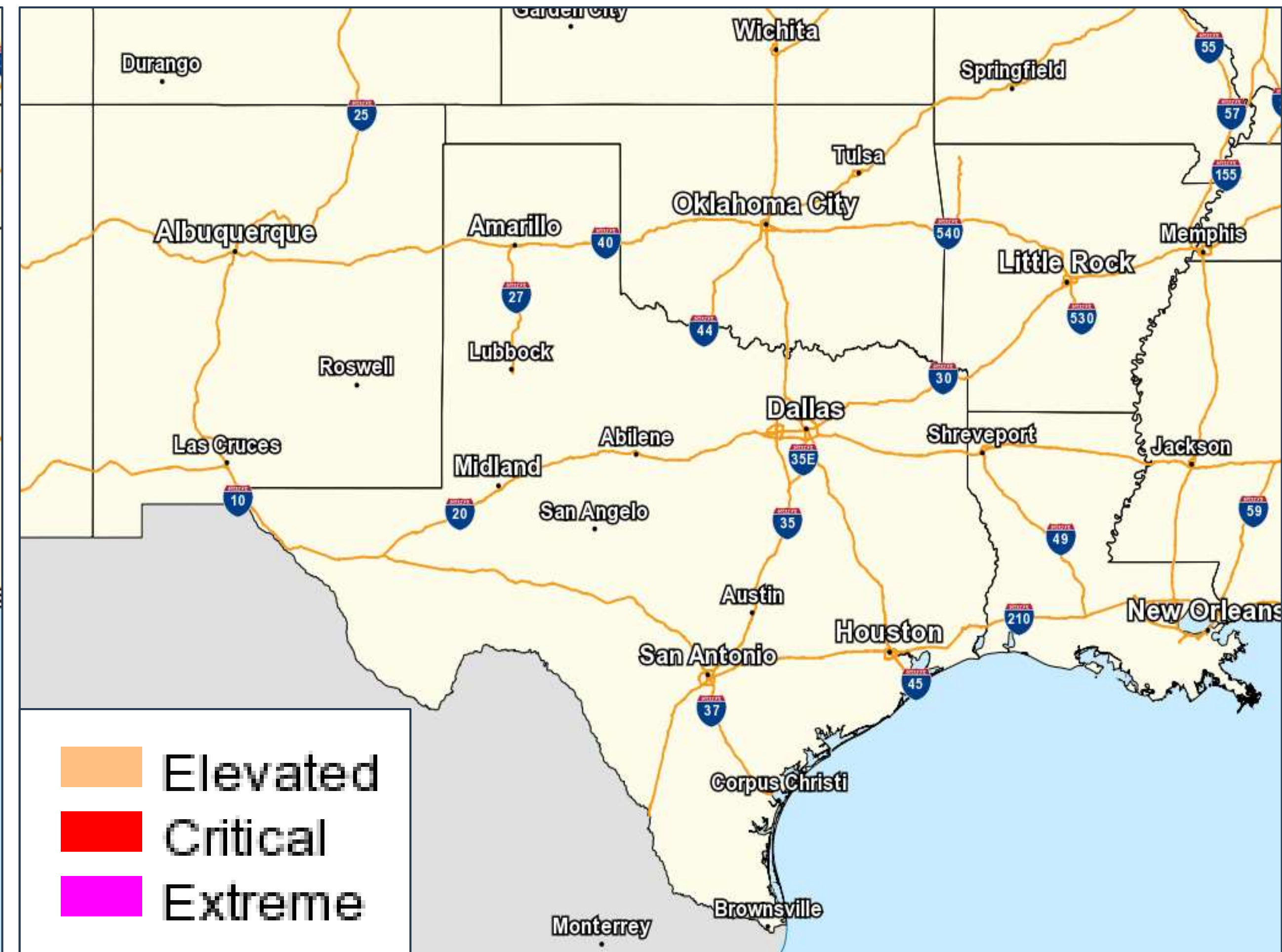


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Today's Fire Weather Outlook



Tomorrow's Fire Weather Outlook

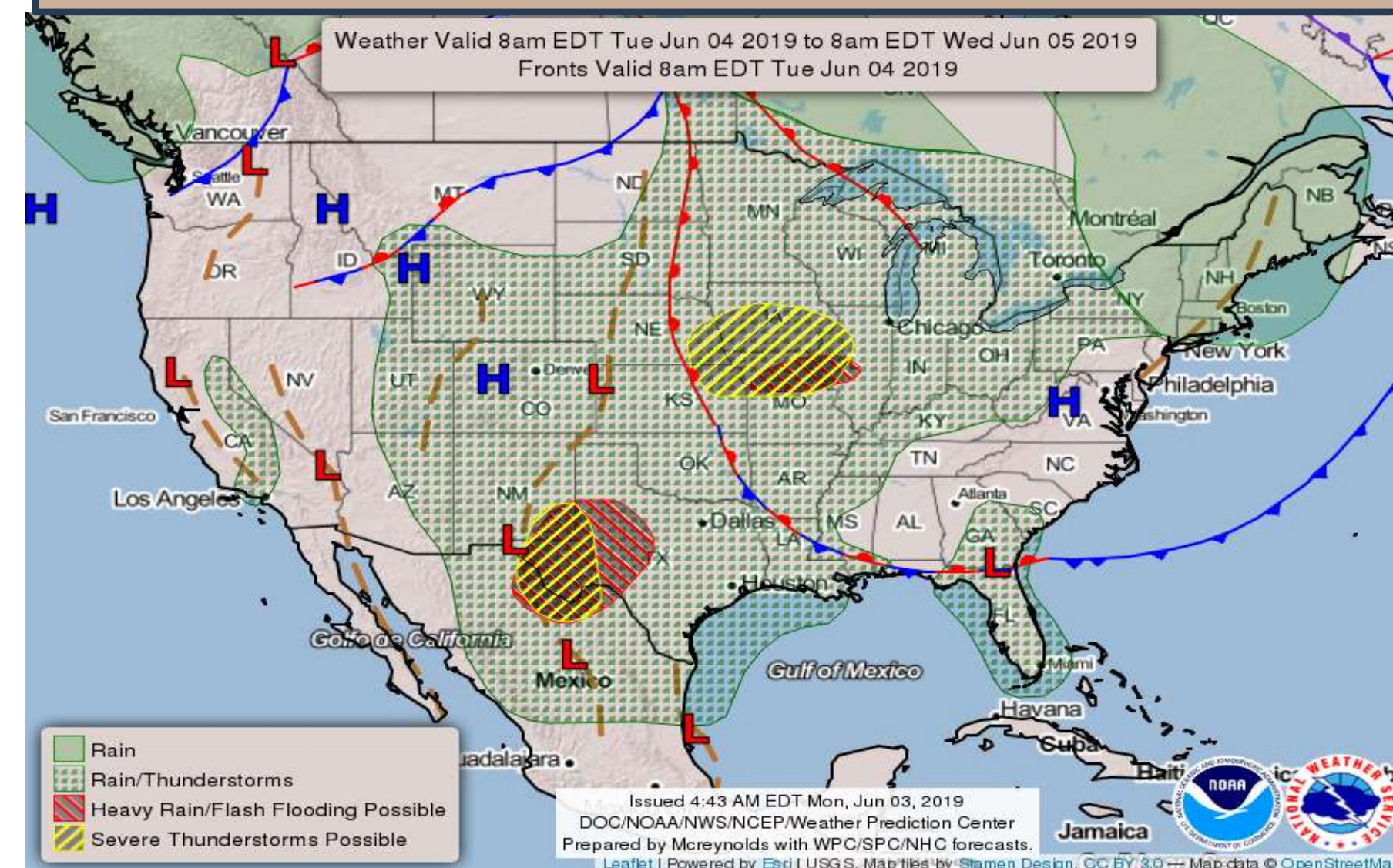


Tomorrow's Weather



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Forecast Chart



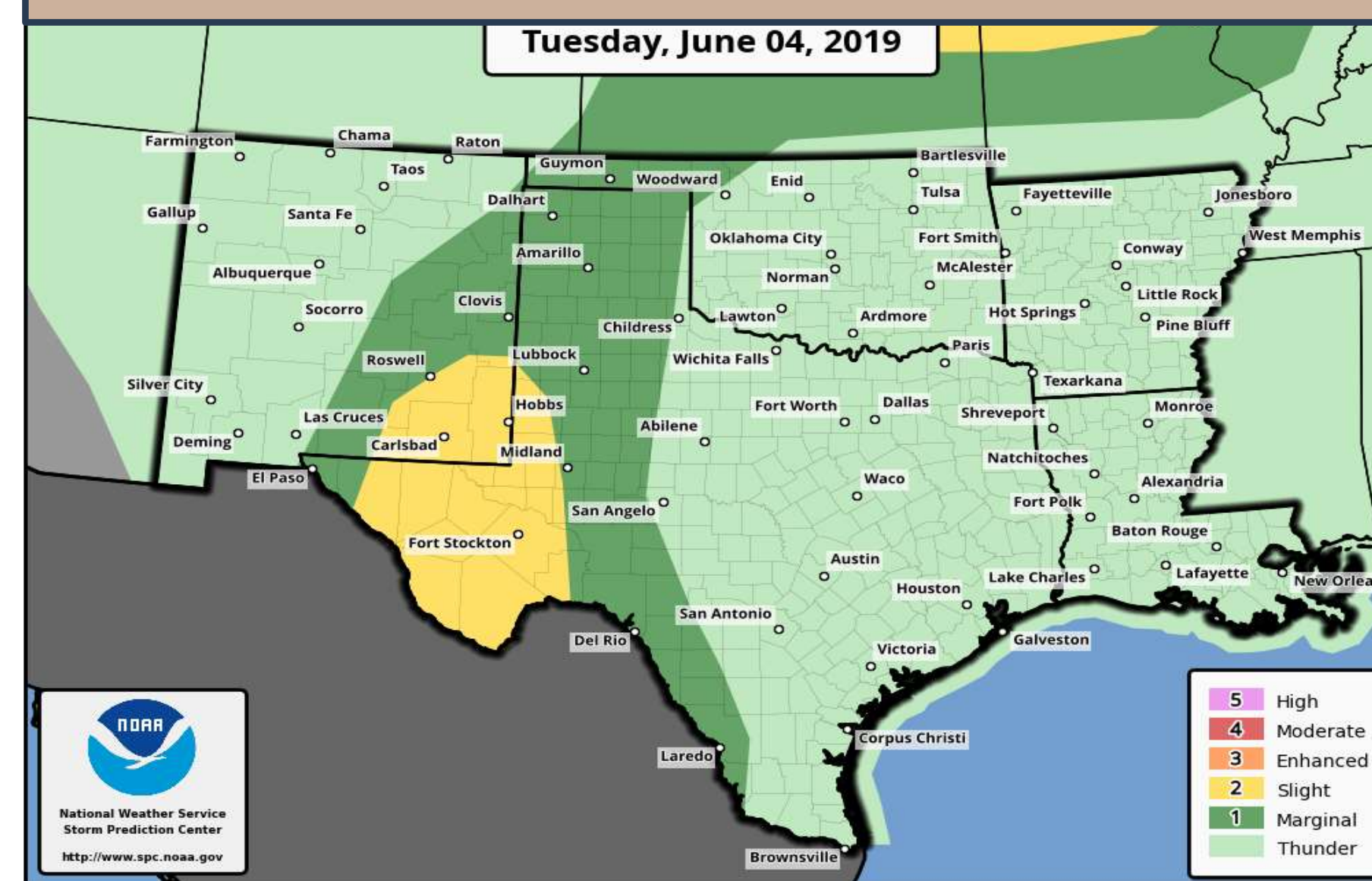
Forecast Rainfall



Slight risk of severe storms across SE NM into W TX; large hail is the main threat, some strong wind gusts also possible.

Isolated heavy rain/flooding possible over E NM, W and S TX.

Severe Weather Outlook



Excessive Rainfall Outlook



Wednesday's Weather

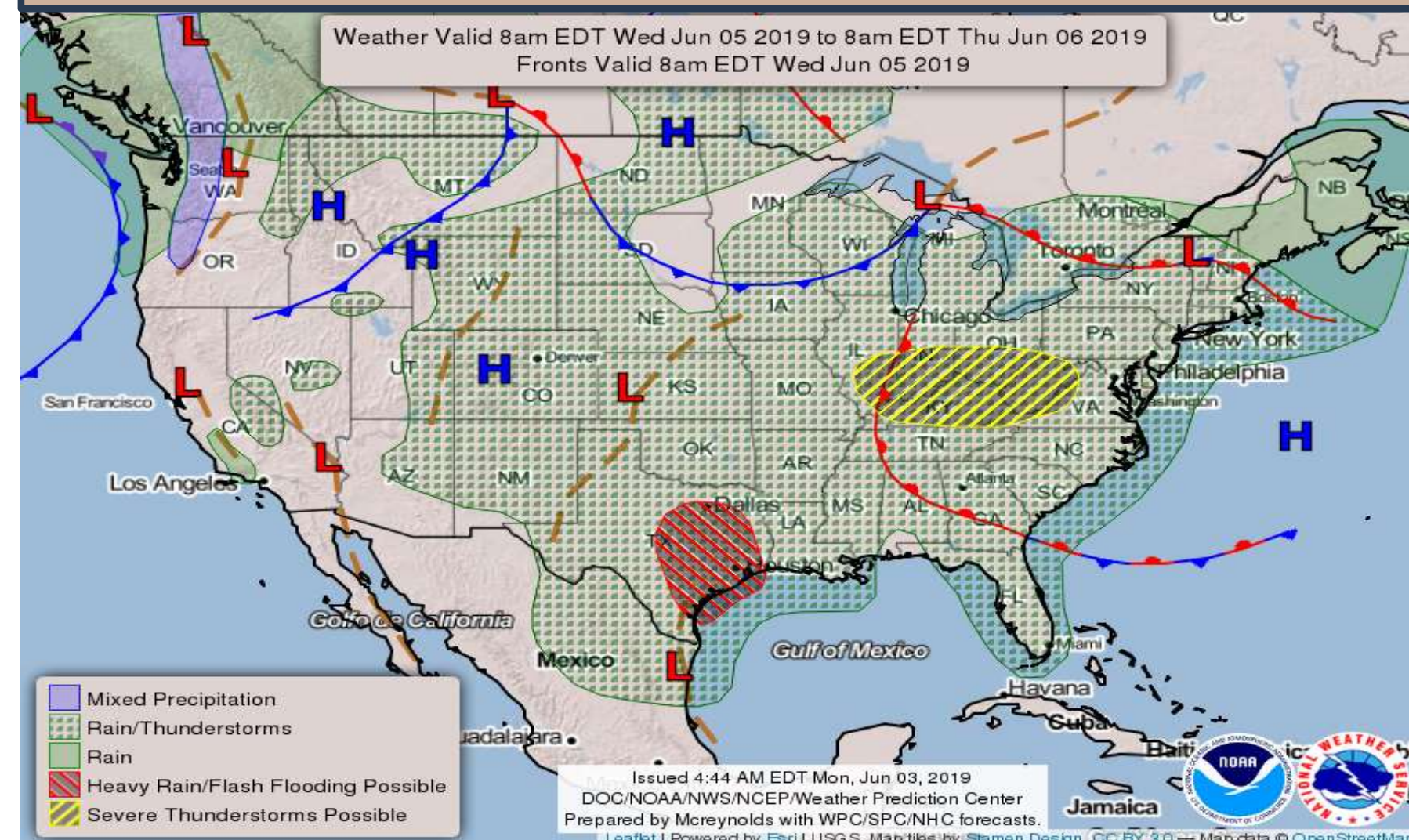


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Forecast Chart

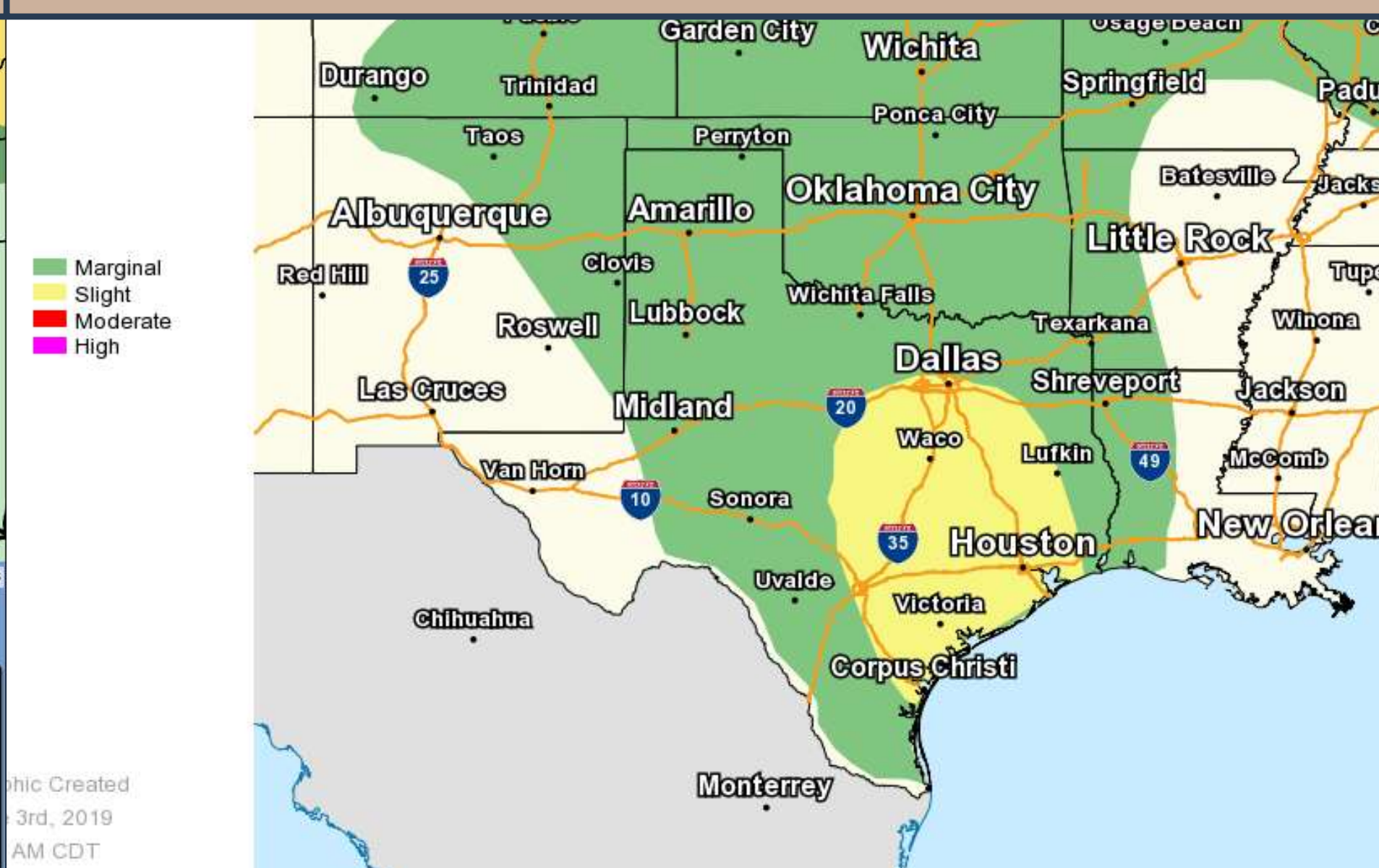
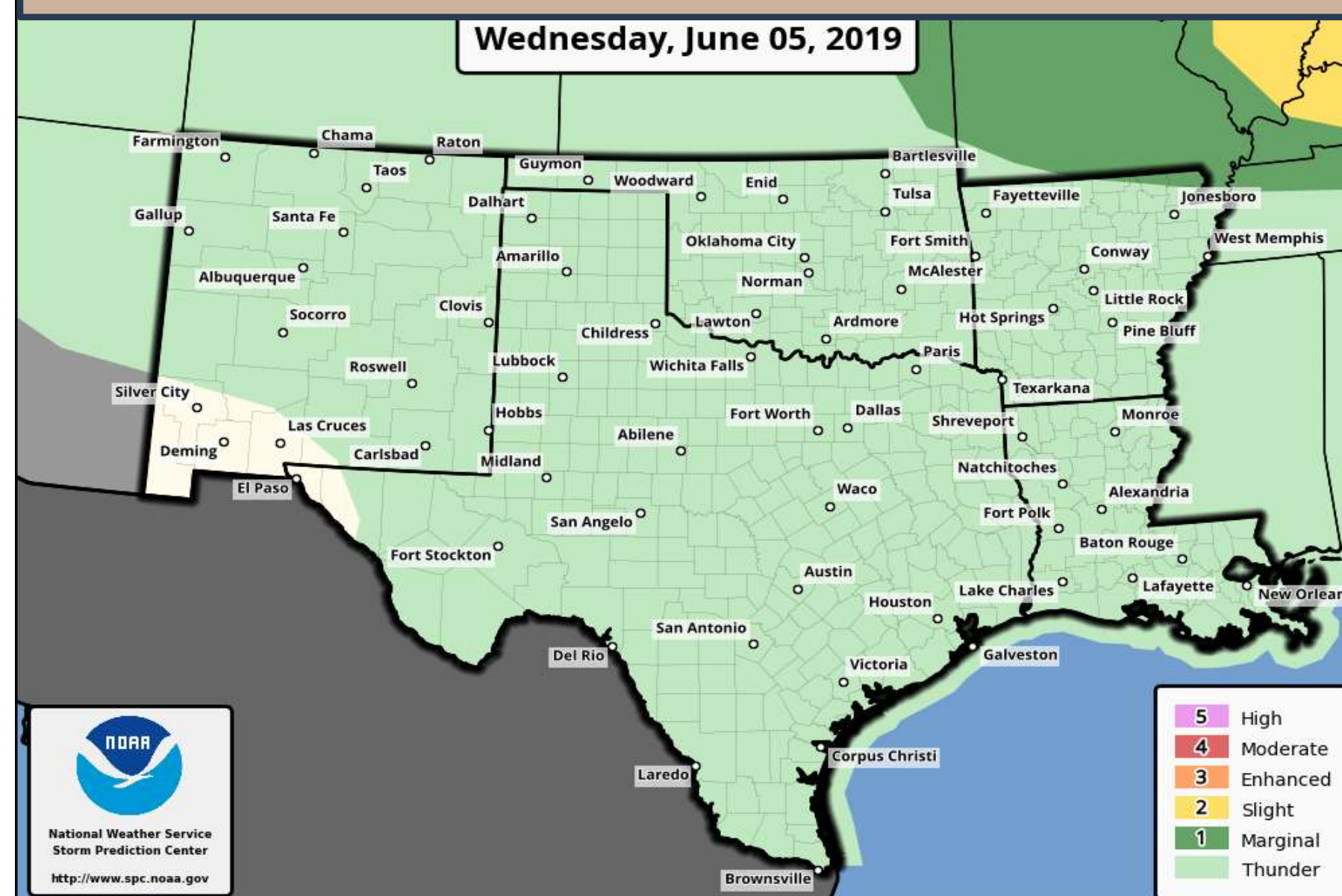
Forecast Rainfall

Heavy rainfall/flash flooding possible across E/SE TX.



Severe Weather Outlook

Excessive Rainfall Outlook

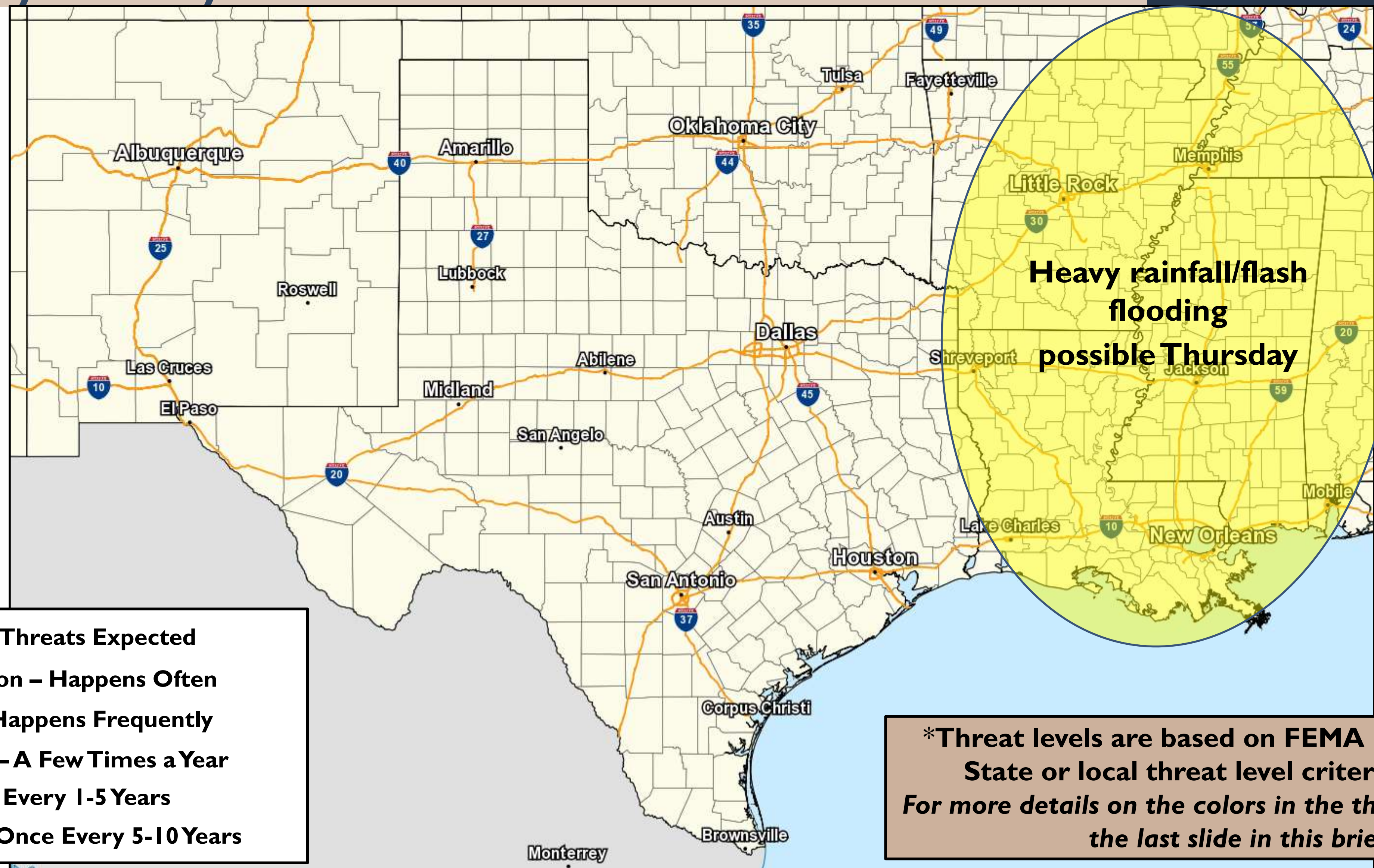


Days 4-5 Weather Hazards

Thursday – Friday



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- Rare – Once Every 1-5 Years
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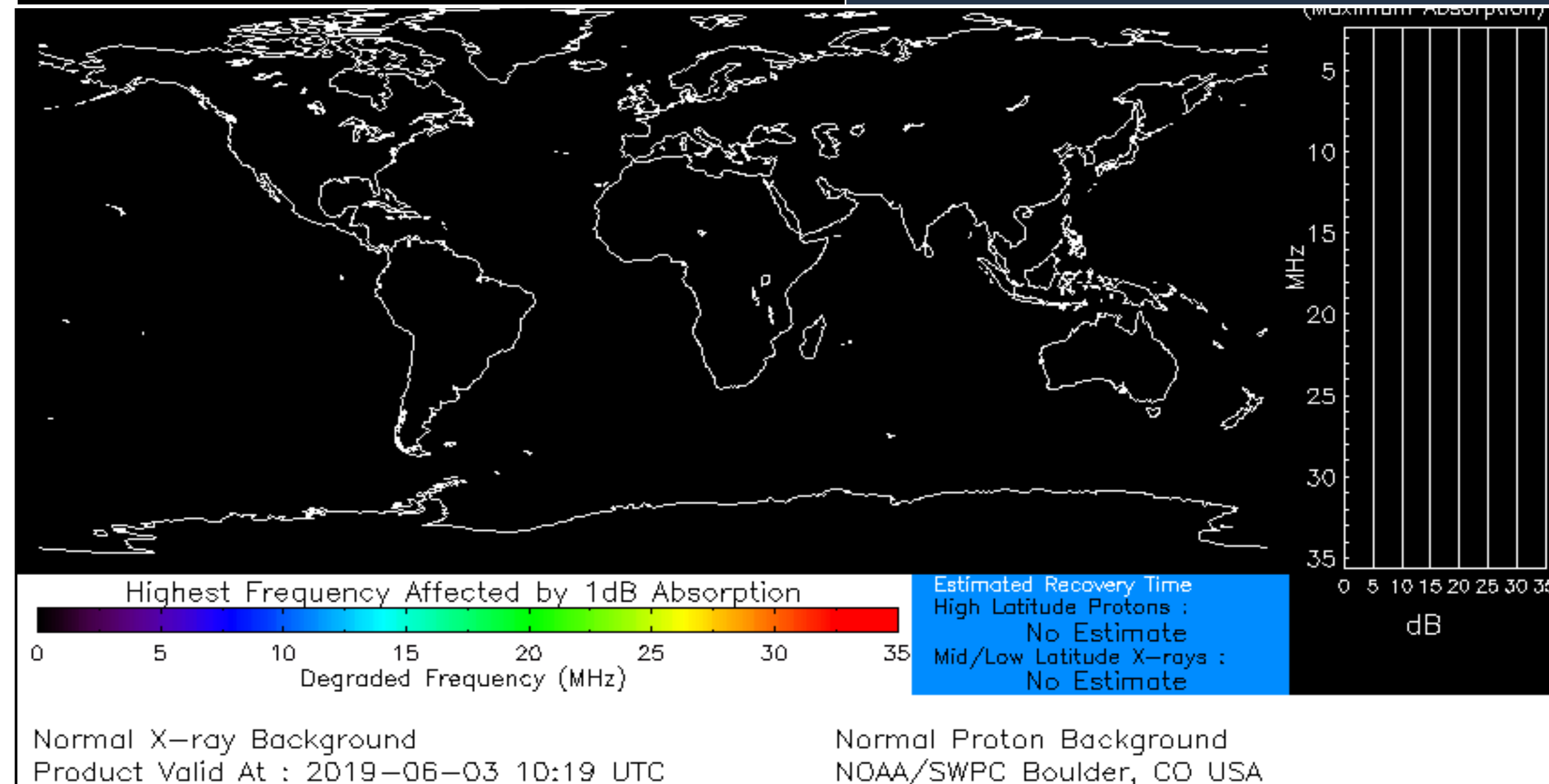
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Space Weather 3-Day Forecast



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	Monday	Tuesday	Wednesday
Geomagnetic Storms	Quiet to Unsettled (Max Kp = 3)	Quiet to Unsettled (Max Kp = 3)	Quiet (Max Kp = 2)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a
Description of the Space
Weather Storm Scales](#)

[Click here for the Latest
3-Day Space Weather
Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX
Yellow	Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail
Orange	Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected
Red	Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue
Purple	Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov